

What Is Claimed Is:

1 1. A single sign-on system for a sign-on process to remotely
2 operate an application program via a network, the single sign-on
3 system comprising:

4 an application program server for saving the application
5 program;

6 at least one client computer connected to the application
7 program server via the network, each of which receives sign-on
8 information, operating the application program by signing on to
9 the application program server with the sign-on information, and
10 sending the sign-on information after signing on to the
11 application program server; and

12 a single sign-on server connected to the client computer,
13 the single sign-on server for receiving and saving the sign-on
14 information from the client computer, and sending the sign-on
15 information to the client computer when the client computer
16 signs on to the application program server.

1 2. The single sign-on system according to claim 1, wherein
2 the client computer comprises:

3 an application program module for signing on to the
4 application program server with the sign-on information and
5 operating the application program; and

6 a single sign-on module for receiving the sign-on
7 information from the single sign-on server, sending the sign-on
8 information to the application program module, and sending the
9 sign-on information to the single sign-on server computer when
10 the application program module signs on to the application
11 program server.

1 3. The single sign-on system according to claim 2, wherein
2 the application program module further comprises a window-based
3 interface.

1 4. The single sign-on system according to claim 1, wherein
2 the sign-on information comprises a sign-on password.

1 5. The single sign-on system according to claim 1, wherein
2 the sign-on information comprises a sign-on account.

1 6. The single sign-on system according to claim 1, wherein
2 the network is a private network.

1 7. The single sign-on system according to claim 1, wherein
2 the network is a local area network (LAN).

1 8. The single sign-on system according to claim 1, wherein
2 the network is a wide area network (WAN).

1 9. A method of a single sign-on process on a client computer
2 for remotely operating an application program via a network, the
3 method comprising the steps of:

4 connecting and signing on to a single sign-on server to
5 retrieve sign-on information from the single sign-on server;
6 connecting and signing on to an application program server
7 with the sign-on information; and

8 updating the sign-on information saved in the single
9 sign-on server by sending the sign-on information to the single
10 sign-on server.

1 10. The method according to claim 9, further comprising a
2 step of:

3 receiving new information, and signing on to the
4 application program server with the new information as the
5 sign-on information when failing to sign on to the application
6 program server with the sign-on information.

1 11. The method according to claim 9, wherein the client
2 computer further comprises a window-based interface.

1 12. The method according to claim 9, wherein the sign-on
2 information comprises a sign-on password.

1 13. The method according to claim 1, wherein the sign-on
2 information comprises a sign-on account.

1 14. The method according to claim 1, wherein the network
2 is a private network.

1 15. The method according to claim 1, wherein the network
2 is a local area network (LAN).

1 16. The method according to claim 1, wherein the network
2 is a wide area network (WAN).